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ChillerOne Installs 100-Ton Screw Chiller System at Pepsi Cola Philippines Facility

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Shenzhen ChillerOne announced the successful installation and commissioning of a 100-ton water-cooled screw chiller system at the Pepsi Cola manufacturing facility in Rosario, Philippines. This is ChillerOne's Model TPW-350WDH chiller system, operating on 2 Hanbell-brand semi-hermetic screw compressors, with a closed-loop shell-and-tube evaporator.

The newly installed water-cooled screw chiller is fully operational and has been integrated into the factory's PepsiCo beverages production line. It will increase efficiency and ensure beverage processing quality by maintaining the low-temperature requirement of 1Â°C to 4Â°C for COâ?? solubility and achieving the required beverage stability.

"Installing this chiller was a direct request from the Pepsi Cola factory, as part of the factory's efforts to control temperature during carbonisation, inhibiting microbial growth and controlling pressure due to COâ??, which can deform bottles during packaging," said Alex Lee, ChillerOne Technical Manager. "After testing and commissioning, we are glad our client can now stabilise production, improve efficiency, and achieve the desired quality of their PepsiCo beverages. As a company, we continue to offer innovative chiller solutions, with varying load capacities and energy efficiency to help our clients reduce production costs."

The Model TPW-350WDH chiller systems use R407C refrigerant, and can achieve operating energy efficiency (EER) of up to ~4.4â??4.8 W/W with high part-load efficiency. It has a glycol-chilled-water temperature-control system and a waterproof design for outdoor installation.